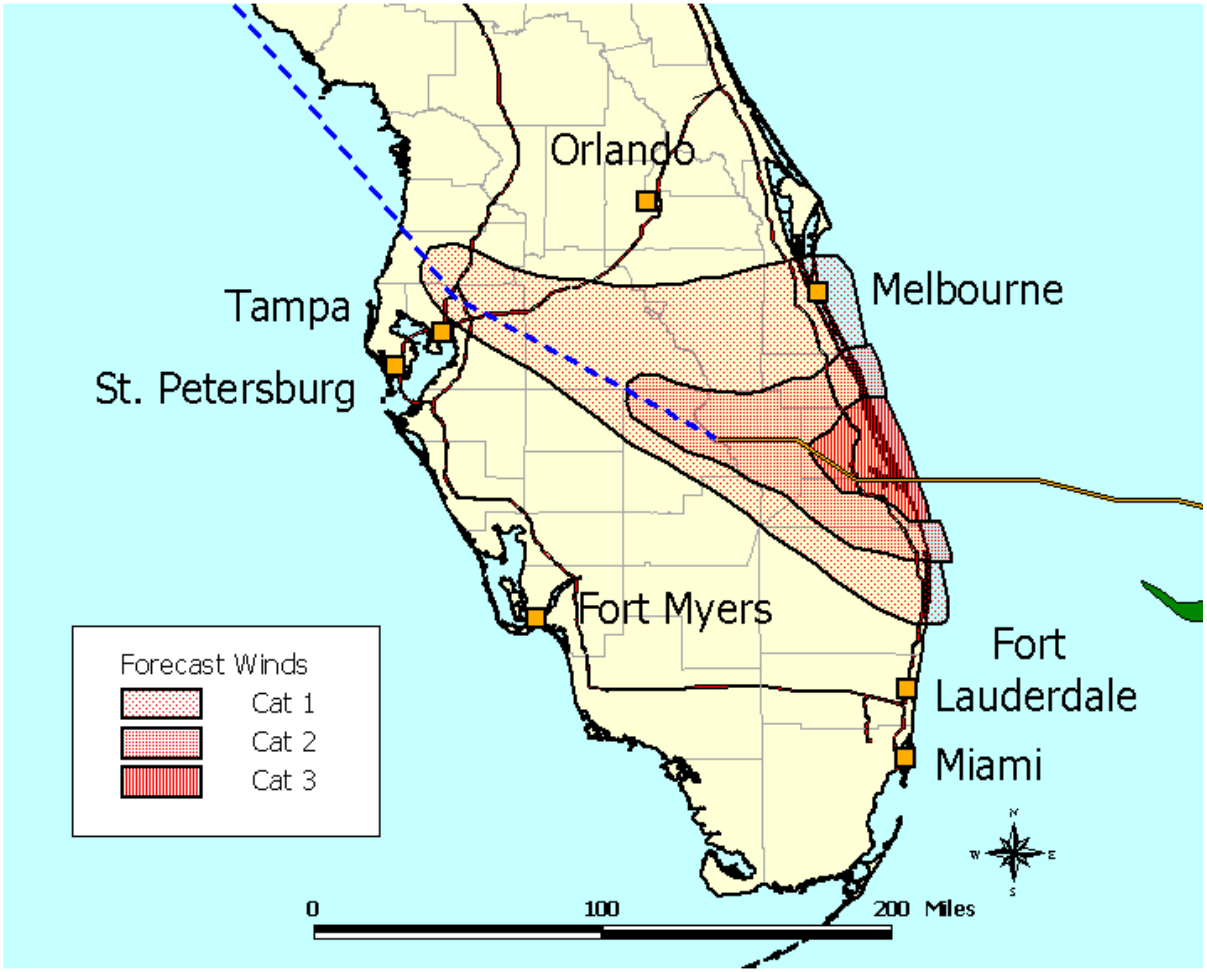
Hurricane Jeanne Wind Distribution

Landfall Has Occurred

For Official Use Only!



Most Probable Landfall Wind Distribution

This hurricane scenario is based on a Category 3 storm making landfall in near proximity to Stuart, FL.

Information provided on this page displays the most probable hurricane track based on information from the National Hurricane Center (NHC). These projections are based on information from the NHC ***(0500 EDT 09/26/2004)*** forecast.

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne Wind Field

Sources:
HURREVAC
LRL-DEBRIS

CELRL-OP GIS Group

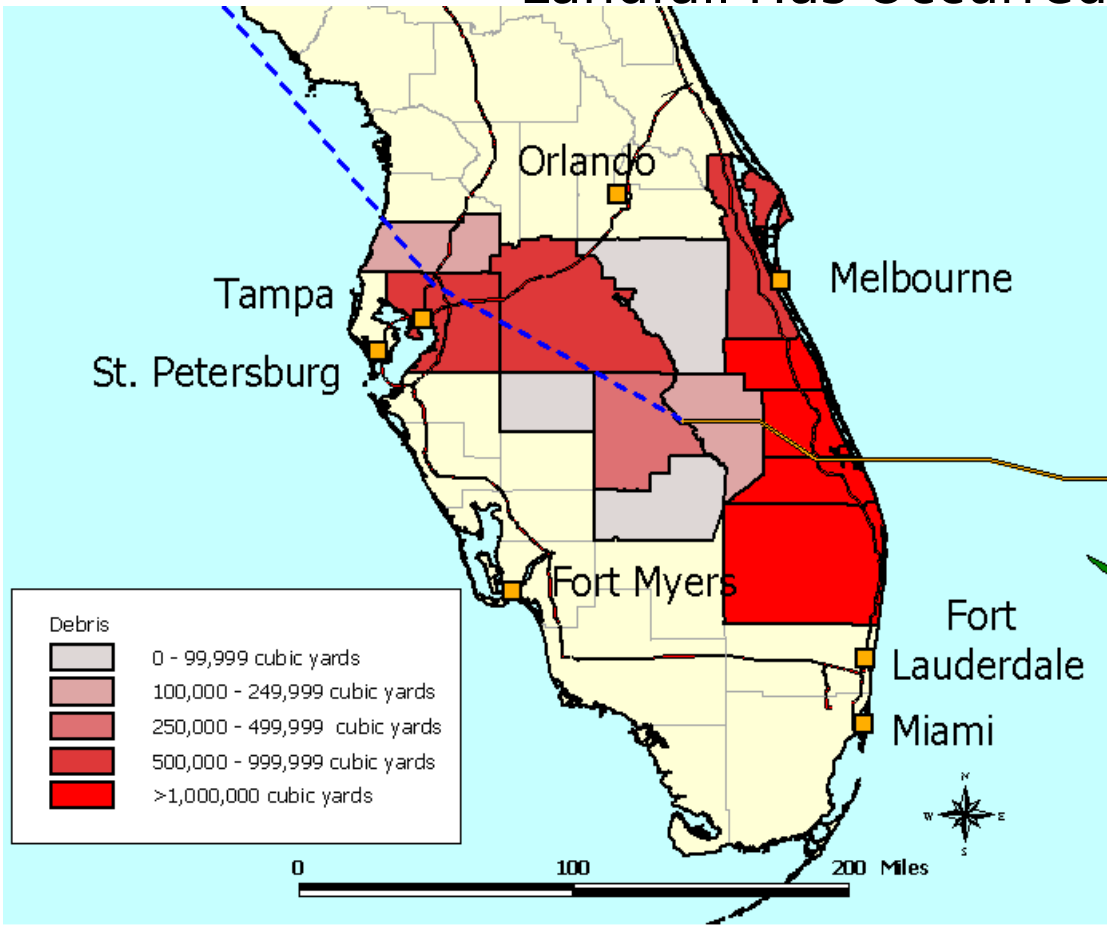
Generated By:
Terry Siemsen

Generated Date:
0630 EDT
09/26/2004

Hurricane Jeanne Debris Model

Landfall Has Occurred

For Official Use Only!



Most Probable Landfall Debris Model Results

Florida – 11,470,000 yd^3

Model results per county on following page

This hurricane scenario is based on a Category 3 storm making landfall in near proximity to Stuart, FL

Information provided on this page displays the most probable hurricane track based on information from the National Hurricane Center (NHC). These projections are based on information from the NHC ***(0500 EDT 09/26/2004)*** forecast.

The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds.

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne Debris Model

Sources: HURREVAC LRL-DEBRIS

CELRL-OP GIS Group

Generated By: Terry Siemsen

Generated Date: 0630 EDT 09/26/2004

Hurricane Jeanne Debris Model

Landfall Has Occurred

For Official Use Only!

State	County	Yards per County
Florida		
	Brevard	733,000
	Glades	12,000
	Hardee	15,000
	Highlands	362,000
	Hillsborough	541,000
	Indian River	1,233,000
	Martin	2,460,000
	Okeechobee	175,000
	Osceola	66,000
	Palm Beach	1,953,000
	Pasco	147,000
	Polk	513,000
	St Lucie	3,260,000
TOTAL		11,470,000

The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds.

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne Debris Model

Sources:
HURREVAC
LRL-DEBRIS

CELRL-OP GIS Group

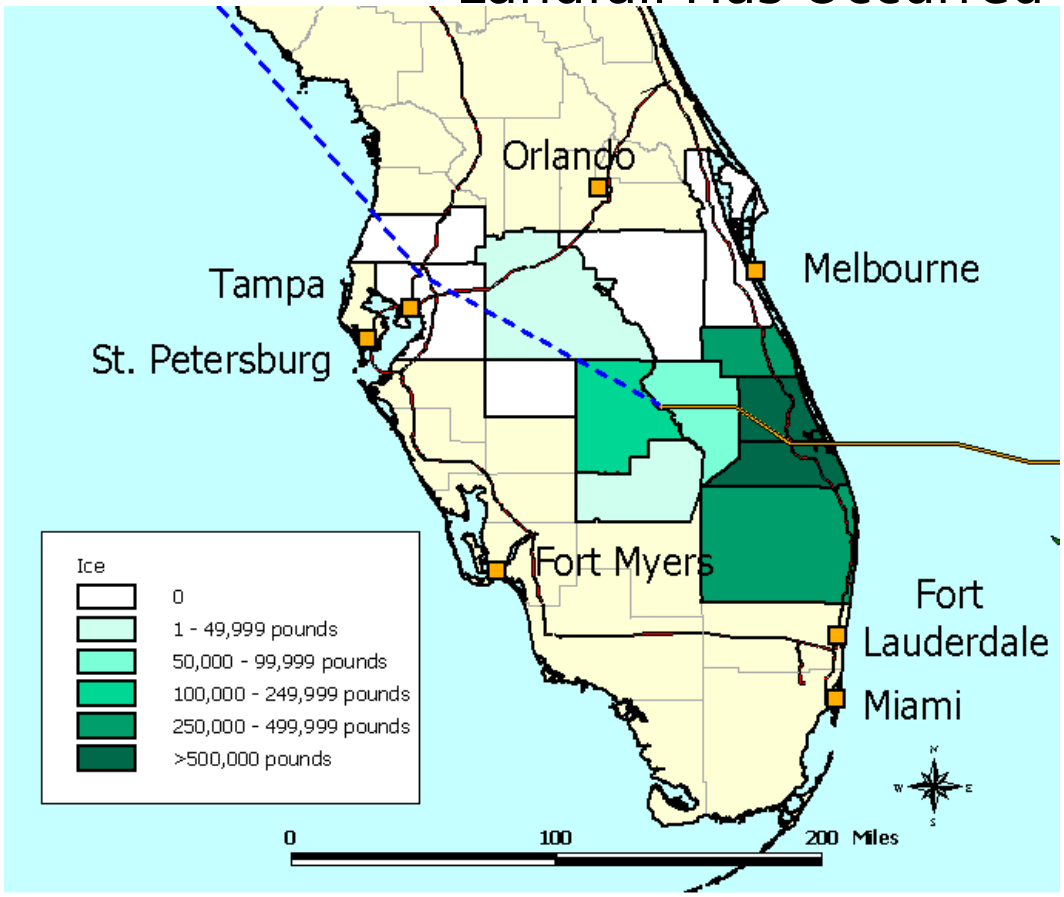
Generated By:
Terry Siemsen

Generated Date:
0630 EDT
09/26/2004

Hurricane Jeanne Ice Model

Landfall Has Occurred

For Official Use Only!



Most Probable Landfall Ice Model Results

Florida – 2,111,000 pounds

Model results per county on following page

This hurricane scenario is based on a Category 3 storm making landfall in near proximity to Stuart, FL

Information provided on this page displays the most probable hurricane track based on information from the National Hurricane Center (NHC). These projections are based on information from the NHC ***(0500 EDT 09/26/2004)*** forecast. The intensity of this hurricane has been altered to complete model runs.

The amount of ice forecasted is based on Mission Guide Book requirements (8 pounds per day per person) and Ice SME input and represents a first day daily need.

Details about this model may be obtained at
https://englink.usace.army.mil
or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne Ice Model

Sources:
HURREVAC
LRL-DEBRIS

Generated By:
Terry Siemsen

Generated Date
0630 EDT
09/26/2004

CELRL-OP GIS Group

Louisville Operations Division GIS

Hurricane Jeanne Ice Model

Landfall Has Occurred

For Official Use Only!

State	County	Pounds per County
Florida		
	Glades	< 1,000
	Highlands	100,000
	Indian River	269,000
	Martin	509,000
	Okeechobee	67,000
	Palm Beach	320,000
	Polk	4,000
	St Lucie	842,000
TOTAL		2,111,000

The amount of ice forecasted is based on Mission Guide Book requirements (8 pounds per person) and Ice SME input and represents a first day daily need. The assumption in this scenario is that 55% of the resident population affected by Jeanne will have power outage in this area will cause a need for ice.

Details about this model may be obtained at
https://englink.usace.army.mil
or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne Ice Model

Sources:
HURREVAC
LRL-DEBRIS

CELRL-OP GIS Group

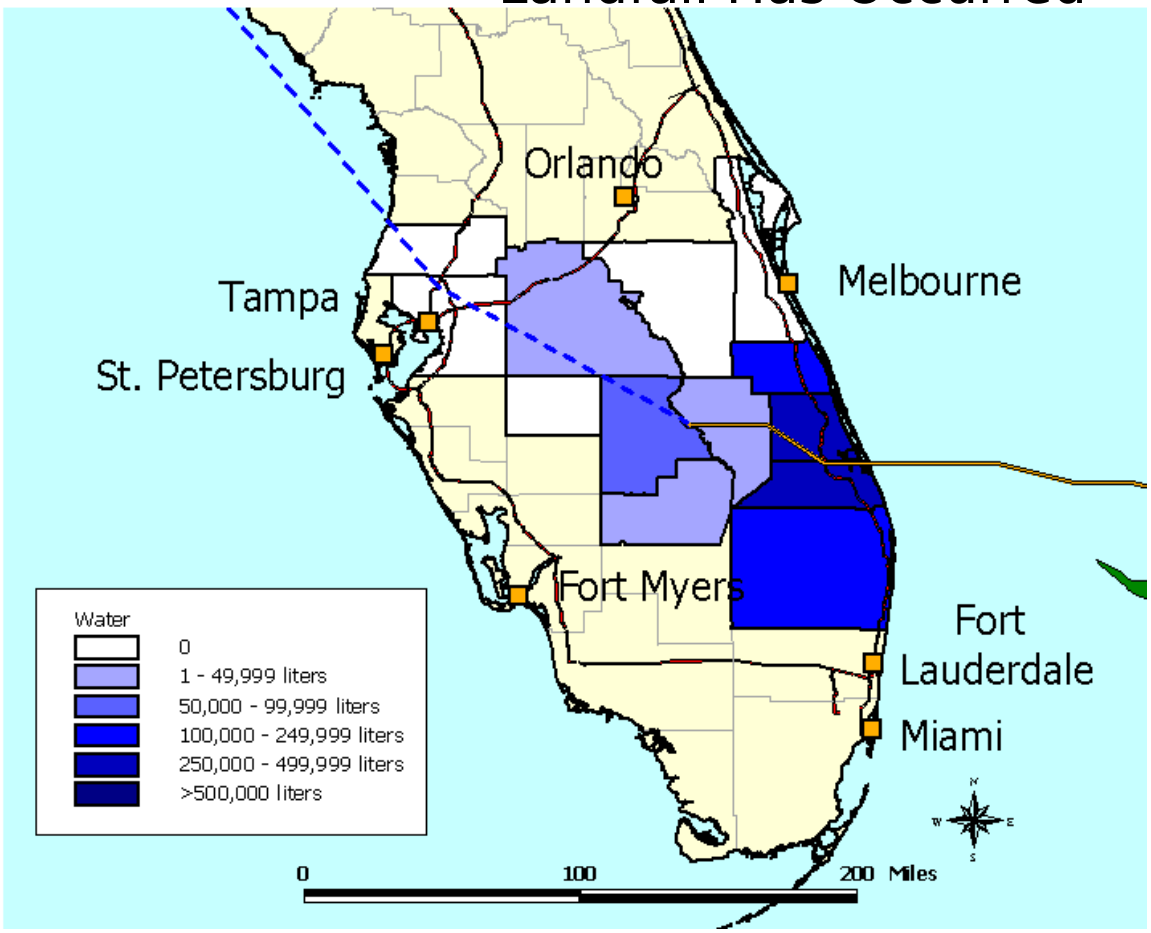
Generated By:
Terry Siemsen

Generated Date
0630 EDT
09/26/2004

Hurricane Jeanne Water Model

Landfall Has Occurred

For Official Use Only!



Most Probable Landfall Water Model Results

Florida – 1,055,000 liters

Model results per county on following page

This hurricane scenario is based on a Category 3 storm making landfall in near proximity to Stuart, FL

Information provided on this page displays the most probable hurricane track based on information from the National Hurricane Center (NHC). These projections are based on information from the NHC ***(0500 EDT 09/26/2004)*** forecast.

The amount of water forecasted is based on Mission Guide Book requirements (4 liters per person per day) and Water SME input and represents a first day daily need.

Details about this model may be obtained at **https://englink.usace.army.mil** or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne Water Model

Sources: HURREVAC LRL-DEBRIS

CELRL-OP GIS Group

Generated By: Terry Siemsen

Generated Date 0630 EDT 09/26/2004

Hurricane Jeanne Water Model

Landfall Has Occurred

For Official Use Only!

State	County	Liters per County
Florida		
	Glades	< 1,000
	Highlands	50,000
	Indian River	134,000
	Martin	255,000
	Okeechobee	33,000
	Palm Beach	160,000
	Polk	2,000
	St Lucie	421,000
TOTAL		1,055,000

The amount of water forecasted is based on Mission Guide Book requirements (4 liters per person) and Water SME input and represents a first day daily need. The assumption in this scenario is that 55% of the resident population affected by Jeanne will have power outage in this area will cause a need for water.

Details about this model may be obtained at
https://englink.usace.army.mil
or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne Water Model

Sources:
HURREVAC
LRL-DEBRIS

Generated By:
Terry Siemsen

Generated Date
0630 EDT
09/26/2004

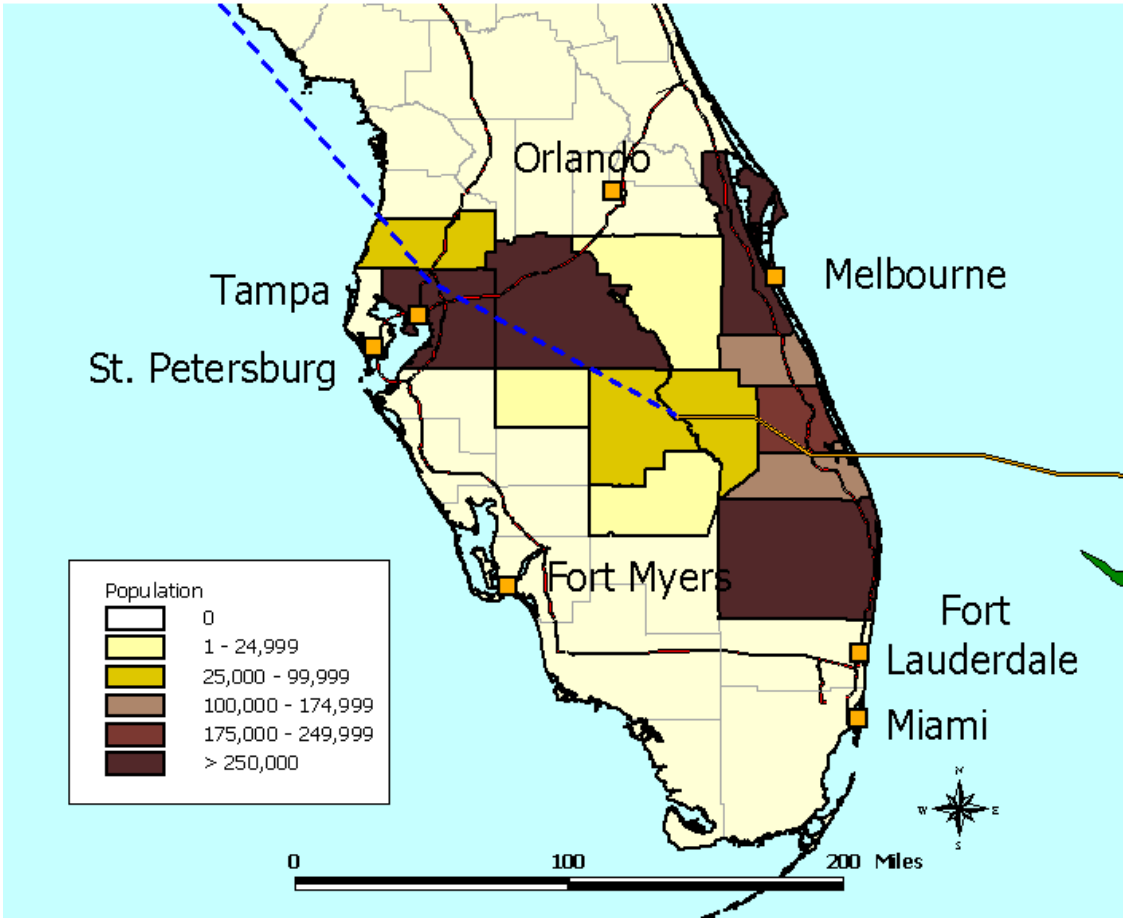
CELRL-OP GIS Group

Louisville Operations Division GIS

Hurricane Jeanne Population Model

Landfall Has Occurred

For Official Use Only!



Most Probable Landfall Population Model Results

Florida – 2,624,000 persons

Model results per county on following page

This hurricane scenario is based on a Category 3 storm making landfall in near proximity to Stuart, FL

Information provided on this page displays the most probable hurricane track based on information from the National Hurricane Center (NHC). These projections are based on information from the NHC ***(0500 EDT 09/26/2004)*** forecast.

The number of persons included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values).

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne Population Model

Sources:
HURREVAC
LRL-DEBRIS

CELRL-OP GIS Group

Generated By:
Terry Siemsen

Generated Date
0630 EDT
09/26/2004

Hurricane Jeanne Population Model

Landfall Has Occurred

For Official Use Only!

State	County	Population
Florida		
	Brevard	273,000
	Glades	2,000
	Hardee	5,000
	Highlands	78,000
	Hillsborough	450,000
	Indian River	112,000
	Martin	126,000
	Okeechobee	36,000
	Osceola	20,000
	Palm Beach	784,000
	Pasco	89,000
	Polk	456,000
	St Lucie	193,000
TOTAL		2,624,000

The number of persons estimated to be within hurricane force winds comes from Census 2000 values.

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne Population Model

Sources:
HURREVAC
LRL-DEBRIS

Generated By:
Terry Siemsen

Generated Date
0630 EDT
09/26/2004

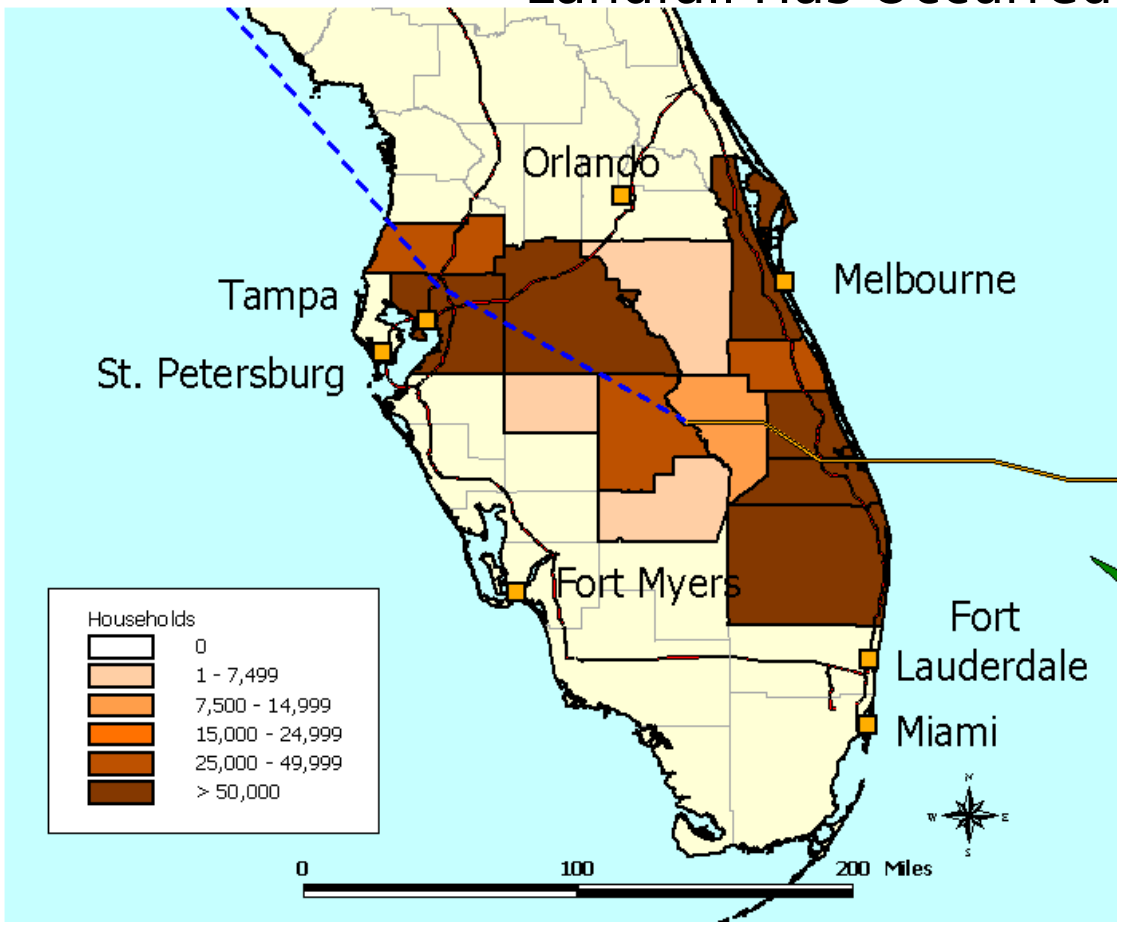
CELRL-OP GIS Group

Louisville Operations Division GIS

Hurricane Jeanne Households Model

Landfall Has Occurred

For Official Use Only!



Most Probable Landfall Households Model Results

Florida – 1,057,000 households

Model results per county on following page

This hurricane scenario is based on a Category 3 storm making landfall in near proximity to Stuart, FL

Information provided on this page displays the most probable hurricane track based on information from the National Hurricane Center (NHC). These projections are based on information from the NHC ***(0500 EDT 09/26/2004)*** forecast.

The number of households included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values).

Details about this model may be obtained at **https://englink.usace.army.mil** or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne Households Model

Sources: HURREVAC LRL-DEBRIS

CELRL-OP GIS Group

Generated By: Terry Siemsen

Generated Date 0630 EDT 09/26/2004

Hurricane Jeanne Households Model

Landfall Has Occurred

For Official Use Only!

State	County	Households
Florida		
	Brevard	114,000
	Glades	1,000
	Hardee	2,000
	Highlands	34,000
	Hillsborough	171,000
	Indian River	49,000
	Martin	55,000
	Okeechobee	13,000
	Osceola	7,000
	Palm Beach	321,000
	Pasco	36,000
	Polk	177,000
	St Lucie	77,000
TOTAL		1,057,000

The number of households estimated to be within hurricane force winds comes from Census 2000 values.

Details about this model may be obtained at **https://englink.usace.army.mil** or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne Households Model

Sources:
HURREVAC
LRL-DEBRIS

Generated By:
Terry Siemsen

Generated Date
0630 EDT
09/26/2004

CELRL-OP GIS Group

Louisville Operations Division GIS

Hurricane Jeanne
Temporary Roofing Model Results

Landfall Has Occurred

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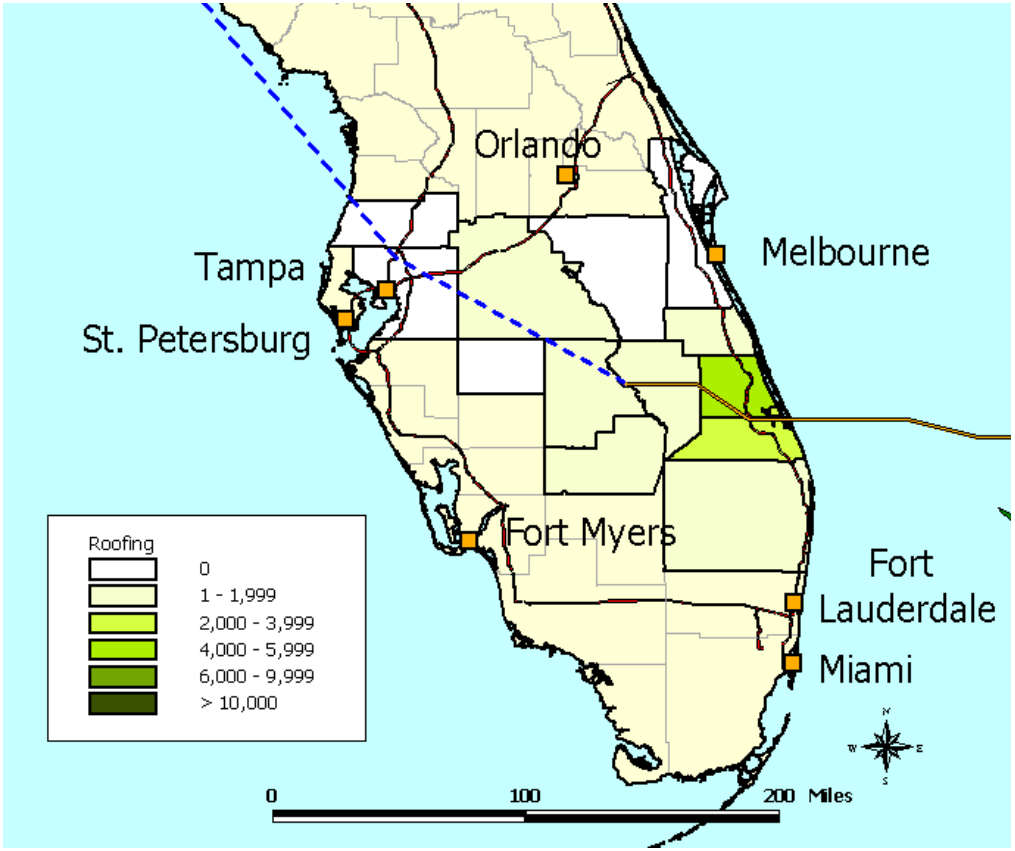


Most Probable Landfall Temporary Roofing Model Results

Florida – 12,100

Model results per county on following page

This hurricane scenario is based on Category 3 storm making landfall in near proximity to Stuart, AL.

Information provided on this page displays the most probable hurricane track based on information from the National Hurricane Center (NHC). These projections are based on information from the NHC ***(0500EDT 9/26/2004)*** forecast.

The amount of temporary roofing that may be required is based on no roofing need in CAT 1 wind areas, 3% of housing units damaged in CAT 2 wind areas, and 6% of housing units damaged in CAT 3 wind areas. This only indicates possible need – not necessarily a mission to repair roofs.

Details about this model may be obtained at **https://englink.usace.army.mil**
or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne Temp Roofing Model

Sources:
HURREVAC
LRL-DEBRIS

Generated By:
Terry Siemsen

Generated Date
0630 EDT
9/26/2004

CELRL-OP GIS Group

Louisville Operations Division GIS

Hurricane Jeanne
Temporary Roofing Model Results

Landfall Has Occurred

For Official Use Only!

State	County	Structures per County
Florida		
	Glades	< 100
	Highlands	600
	Indian River	1,600
	Martin	3,100
	Okeechobee	300
	Palm Beach	1,900
	Polk	< 100
	St Lucie	4,600
TOTAL		12,100

THIS IS AN EXPERIMENTAL MODEL !! THE VALUES ARE PRELIMINARY AND SHOULD BE CONSIDERED A GUIDE BUT NOT AN ABSOLUTE VALUE !!

The amount of temporary roofing that may be required is based on no roofing need in CAT 1 wind areas, 3% of housing units damaged in CAT 2 wind areas, and 6% of housing units damaged in CAT 3 wind areas. This only indicates possible need – not necessarily a mission to repair roofs.

Details about this model may be obtained at **https://englink.usace.army.mil** or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne emp Roofing Model

Sources:
HURREVAC
LRL-DEBRIS

Generated By:
Terry Siemsen

Generated Date
0630 EDT
9/26/2004

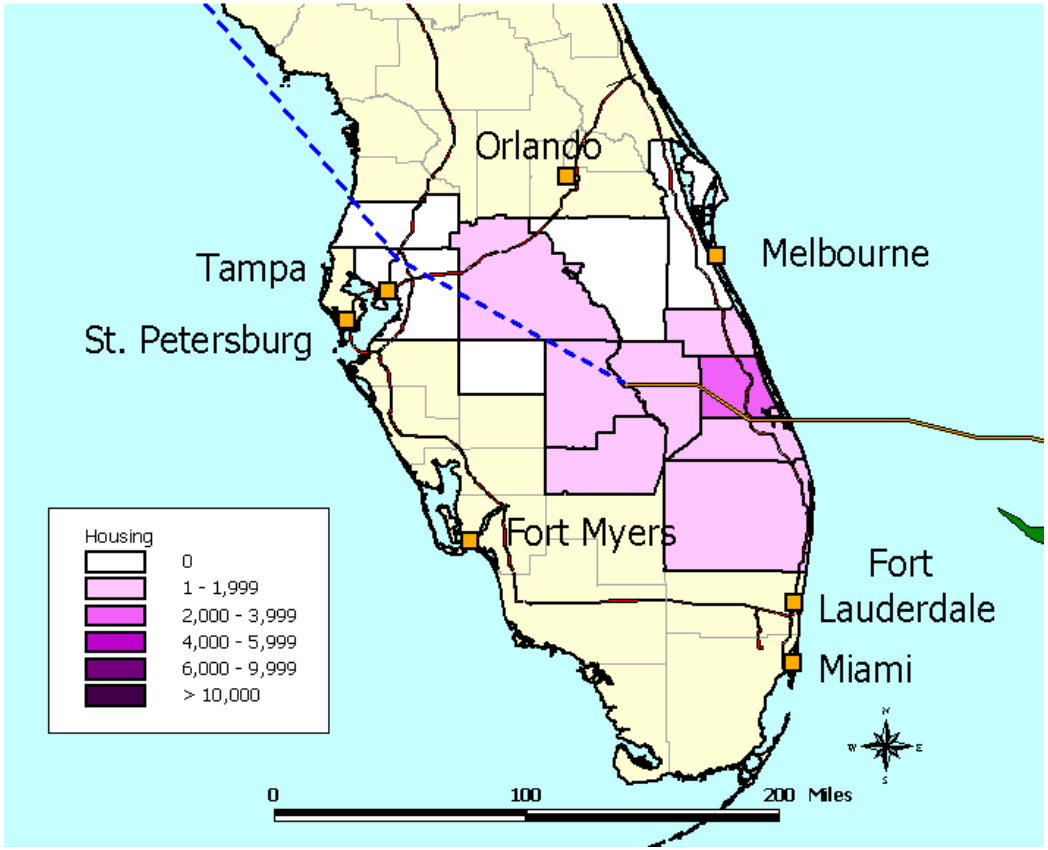
CELRL-OP GIS Group

Louisville Operations Division GIS

Hurricane Jeanne
emporary Housing Model Results

Landfall Has Occurred

For Official Use Only!



Most Probable Landfall Temporary Housing Model Results

Florida – 6,700 structures

Model results per county on following page

This hurricane scenario is based on a Category 3 storm making landfall in near proximity to Stuart, FL

Information provided on this page displays the most probable hurricane track based on information from the National Hurricane Center (NHC). These projections are based on information from the NHC ***(0500 9/26/2004)*** forecast.

The amount of temporary housing that may be required is based on no housing need in CAT 1 wind areas, 2% of housing units lost in CAT 2 wind areas, and 3% of housing units lost in CAT 3 wind areas.

Details about this model may be obtained at **https://englink.usace.army.mil**
or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne emp Housing Model

Sources:
HURREVAC
LRL-DEBRIS

Generated By:
Terry Siemsen

Generated Date
0630 EDT
9/26/2004

CELRL-OP GIS Group

Louisville Operations Division GIS

Hurricane Jeanne
Temporary Housing Model Results

For Official Use Only!

Landfall Has Occurred

State	County	Structures per County
Florida		
	Polk	< 100
	Indian River	1,000
	Highlands	400
	Okeechobee	200
	St Lucie	2,300
	Glades	< 100
	Martin	1,600
	Palm Beach	1,200
TOTAL		6,700

THIS IS AN EXPERIMENTAL MODEL !! THE VALUES ARE PRELIMINARY AND SHOULD BE CONSIDERED A GUIDE BUT NOT AN ABSOLUTE VALUE !!

The amount of temporary housing that may be required is based on no housing need in CAT 1 wind areas, 2% of housing units in CAT 2 wind areas, and 3% of housing units lost in CAT 3 wind areas.

Details about this model may be obtained at
https://englink.usace.army.mil
or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne emp Housing Model

Sources:
HURREVAC
LRL-DEBRIS

Generated By:
Terry Siemsen

Generated Date
0630 EDT
9/26/2004

CELRL-OP GIS Group

Louisville Operations Division GIS